

REMARKS

Applicant's claimed subject matter was previously rejected over Lin in view of Yee. In the interest of expediency, Applicant is providing remarks as to why the presently amended claims are now patentable over these references.

Lin discloses a capture clock generator that generates a capture clock signal that is center aligned with a data signal (see Abstract and col. 7, lines 46 – 59). The circuit of Lin, illustrated in Figure 2, couples a capture clock (CAPCLK) to a data latch 130. The data latch 130 is also coupled to the input data signal D_{in} . This neither teaches nor suggests Applicant's invention as currently claimed.

Applicant's claimed subject matter uses a FIFO register to output data at a rate that is determined by FIFO register control signals. This cannot be accomplished by the circuit of Lin for many reasons.

First, the data latch 130 of Lin is simply a capture circuit (see col. 4, lines 27 – 31) that captures data that is input to the memory (see col. 4, lines 48 – 52). It is not a FIFO that outputs data from the memory at selectable rates as presently claimed. Second, the data captured by the latch 130 is input data that is to be center aligned with the CAPCLK. This is not the structure or function of the FIFO as claimed. The presently claimed circuit uses the FIFO to output data at different, selectable rates. There is no teaching in Lin regarding what or how data is output from the data latch 130 since that is not its function.

Yee, as cited by the Examiner, provides only a plurality of selectable clock delays. Yee neither teaches nor suggests Applicant's presently claimed subject matter.

CONCLUSION

In view of the above remarks, Applicant believes that all pending claims are in condition for allowance and respectfully requests a Notice of Allowance be issued in this case. Please charge any further fees deemed necessary or credit any overpayment to Deposit Account No. 501373.

If the Examiner has any questions or concerns regarding this application, please contact the undersigned at (612) 312-2211.

Respectfully submitted,

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Kenneth W. Bolvin
Reg. No. 34,125

Attorneys for Applicant
Leffert Jay & Polglaze
P.O. Box 581009
Minneapolis, MN 55458-1009
T 612 312-2200
F 612 312-2250